PTO/SB/08a (08-03)
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute fo	ubstitute for form 1449A/PTO NFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known				
				Application Number	10/531,713	
INFOR	RMATIC)N D	ISCLOSURE	Filing Date	April 18, 2005	
STATI	EMENT	BY	APPLICANT	First Named Inventor	Yoshihiro MORIOKA, et al.	
OIAII	_,,,_,,			Art Unit	ТВА	
(us	se as many :	sheets	as necessary)	Examiner Name	ТВА	
Sheet	1	0	f	Attorney Docket Number	49288.1100	

				U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Number Kind Code (ff known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	111 200000			
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			·	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			·	
		US-				
		US-				
		US-				
		US-			-	
		US-				
		US-				
		US-				

					FOR	EIGN PATENT DO	CUMENTS		
Examiner Initials*		Cite No.1	Office ³	Foreign Patent Do	Kind ^s	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	To
	g·		JP	2002-202720	(ii Albini)	07/19/2002	Toshiba Corp.		
۲			JP	2000-341324		12/08/2000	NTT Data Corp.		
	1 1		JP	2000-299686		10/24/2000	NEC Corp		
_	\vdash	_	JP	2002-217961		08/02/2002	Fujitsu Ltd.		
Г			JP	2001-186173		07/06/2001	Matsushita Electric Ind Co Ltd		
			JP	2002-026906		01/25/2002	Mitsubishi Electric Corp		
			JP	2002-232955		08/16/2002	Denso Corp		
			JP	11-196081		07/21/1999	Kodo Ido Tsushin Security		
H	7)		JP	07-297831		11/10/1995	Sumitomo Electric Ind Ltd		
M	~			0					

11/14/00 Date Examiner Considered Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 8 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ıdı	er the F	aperw	ork Reduction Ac	at of 199	no persons are required to	respond to a collection of informa	uon unies	S II CONTAINS & VAIIO CIVIS CONTROL TERMO	ľ				
			or form 1449A/P		•	•		e if Known	•				
					•	Application Number	10/531	1,713					
	IN	FOF	RMATIO	N DI	SCLOSURE	Filing Date	April I	8, 2005	_				
	91	ΓΔΤ	EMENT	RY A	APPLICANT -	First Named Inventor	Yoshih	iro MORIOKA, et al.					
١	.		•			Art Unit	2661		_				
.\		(u	se as many sh	ieets a:	s necessary)	Examiner Name	TBA		_				
7	Sheet I of 2				2	Attorney Docket Number	1100						
					U.S. PA	TENT DOCUMENTS			_				
-	$\overline{}$		Document N	lumber	Publication Date	Name of Patentee or		Pages, Columns, Lines, Where Relevant Passages or Relevant					
	miner ils*	Cite No.1					Number	Kind Co	ode -MM-DD-YYYY	Applicant of Cited Document		Figures Appear	_
	\lnot		US-						_				
			US-		·				_				
			US-										
			US-										
_	_		US-						_				
								[· · · · · · · · · · · · · · · · · · ·					

US-US-บร-บร-US-US-US-US: US-US-US-US-US-

Examiner

Signature

		US-			1			
				FOR	EIGN PATENT DO	CUMENTS	•	
Examiner Ci	Cite	E	Foreign Patent Do	ocument	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Initials	No.1	Office ³ Number ⁴		. Kind ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	Τ ⁶
() A		JP	2001-86110		03/30/01	Unknown - translation of par		
1 1								
		1						
						·	L	↓
							<u> </u>	
								1_
				-1				↓
							,	↓_
		1						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. SEnter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

· Organ

Date

Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)
Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperport Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

			333, 110 persons die regenee	. Complete if Known			
•	ute for form 1449B		•	Application Number	10/531,713		
INFO	ORMATIC	DN DI	SCLOSURE	Filing Date	April 18, 2005		
			APPLICANT	First Named Inventor	Yoshihiro MORIOKA, et al.		
314	(I CINICIA :	1 61 /	AFFLICAIT	Art Unit	2661		
	(use as mai	ny sheets	as necessary)	Examiner Name	ТВА		
Sheet	2	of	2	Attorney Docket Number	49288.1100		

	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
O-J		Tokushu 2 Internet no Kiban "IP o shiru," Nikkei Network, Nikkei Business Publications, Inc., No. 30, 09/22/2002 p. 132, with translation of pertinent part						
O.A.		Interop Magazine article dated 10/01/1999, p. 48, with translation of pertinent part						
*								
,								
Examine		Date Considered 1/14/06						

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.